



PATENT APPLICATION  
Doc. No. 8750-019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Chang-Young Lee et al.

Serial No. 10/002,542

Examiner: Thong Quoc Le

Confirmation No. 3270

Filed: November 13, 2001

Group Art Unit: 2818

For: **SEMICONDUCTOR MEMORY DEVICE HAVING SENSE  
AMPLIFIERS AND THE METHOD OF CONTROLLING THE SAME**

BOX FEE AMENDMENT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO OFFICE ACTION

Responsive to the Office Action, dated November 21, 2002, please amend the application as follows.

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IN THE CLAIMS

A full set of pending claims that incorporates all amendments appears below.

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1. (Twice Amended) A circuit, comprising:  
a read charge control circuit activated only during read operations by a read signal and an address; and  
a write charge control circuit activated by a write signal and the same or a different address, the read charge control circuit and the write charge control circuit both coupled to a first and a second data IO line, wherein the second data IO line is complementary to the first data IO line.
  2. The circuit according to claim 1 wherein the read charge control circuit is a sense amplifier.